

# 1.0 Table of Contents



# User Manual

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# 2.0 Cautions

- Do not try to disassemble the camera by yourself, which may damage the camera or cause electric shock.
- Do not fire the flash in a close distance (less than 1 meter); it may hurt your eyes.
- Keep the camera away from the reach of children or animals to prevent them from swallowing the batteries or small accessories.
- Stop using the camera if any kind of liquid or foreign object enters the camera. If it happens, power off the camera and contact your dealer for help.
- Do not operate this camera with wet hands; it may cause electric shock.
- The camera may be damaged in an environment of high temperature.
- To avoid electricity leakage, please remove the battery if the camera is expected not to be in use for a long period.
- It is normal that the temperature of the camera body rises if the camera works for a long time.

**Small Tip to Save You Big Headache**

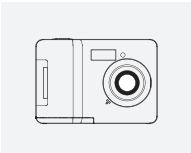
*A digital camera is in a way very similar to a computer. If the digital camera hangs itself during operation, please follow the procedures below and most likely the camera can be re-activated.*

- 1. Remove the battery.*
- 2. Reload the battery.*
- 3. Switch on the camera.*

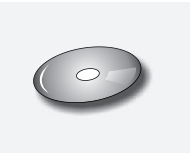
# 3.0 Overall Introduction

## 3.1 Accessories

Digital Camera



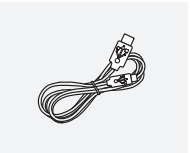
Camera Driver & Software CD



User Manual



USB Cable



Wrist Strap



Camera Pouch

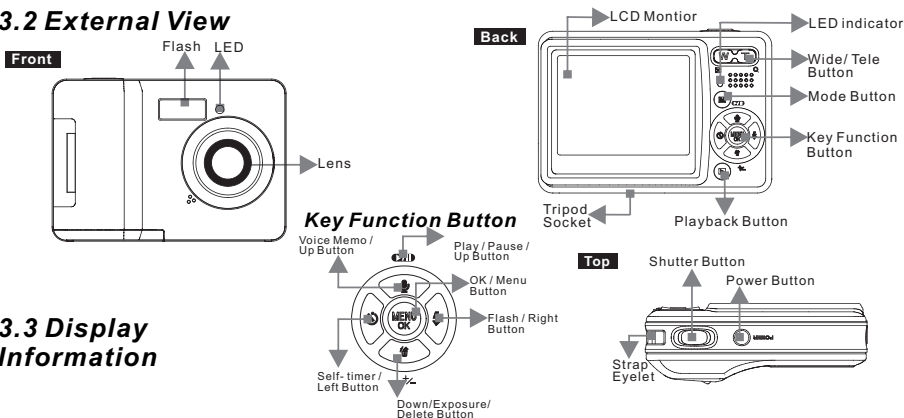


2xAA Batteries

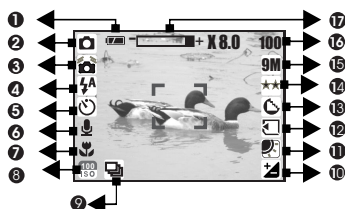


# 3.0 Overall Introduction

## 3.2 External View



## 3.3 Display Information



### 1 Battery Status

- (Full) Battery Full
- (Half) Battery Half Drained
- (Empty) Battery Drained

### 2 Working & Scene Mode

- (Image) Image Shooting Mode
- (Play) Playback Mode
- (Movie) Movie Clip Mode
- (Voice) Voice Recording Mode
- (Auto) Auto Mode
- (Sport) Sport Mode
- (Night) Night Mode
- (Portrait) Portrait Mode
- (Landscape) Landscape Mode
- (Backlight) Backlight Mode

### 3 WARNING: Holding Camera Stable

### 4 Flash Mode

- (Flash) Auto Flash
- (Flash) Fill-in Flash
- (Off) Flash Off

### 5 Self-timer

- (10s) 10 Seconds
- (2s) 2 Seconds

### 6 Voice Memo

### 7 Focus Range

- (Macro) Macro

### 8 ISO Value

- (Auto) Auto
- (100) 100
- (200) 200
- (400) 400
- (800) 800

### 9 Shooting

- (Continuous) Continuous
- (Single) Single

### 10 Exposure ±2

### 11 W. Balance

- (Auto) Auto
- (Daylight) Daylight
- (Cloudy) Cloudy
- (Tungsten) Tungsten
- (Fluorescent) Fluorescent

### 12 Memory Card Inserted

### 13 Sharpness

- (Soft) Soft
- (Normal) Normal
- (Vivid) Vivid

### 14 Quality

- (S. Fine) S. Fine
- (Fine) Fine
- (Normal) Normal

### 15 Size

- (16M) (Via interpolation)
- (9M)
- (5M)
- (3M)
- (VGA)

### 16 (100) Available Shots

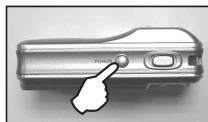
### 17 Zoom Status Indicator

- (8.0X) 8.0X Digital Zoom

# 4.0 Getting Ready

## 4.1 Turn on/off Camera

- ✦ By pressing the Power Button can turn on the camera.
- ✦ By pressing again the Power Button can turn off the camera.



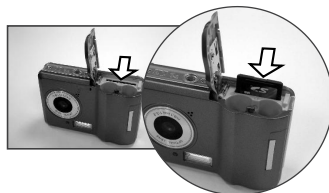
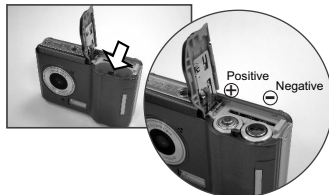
## 4.2 Loading the batteries

1. Power off the camera.
2. Slide out the battery cover to open it.
3. Follow the polarity indications and load the batteries.
4. Close the Battery Cover.

- ✦ The indication of the battery status.

- ): Battery power is full.
- ): Battery power is half drained.
- ): Battery power is drained. Replace with new batteries.

- ✦ The batteries may run out if the batteries are kept inside the camera for a long time without using. Please remove the batteries when the camera is not in use.
- ✦ The battery may not work normally under 0°C or over 40°C.



## 4.3 Insert/Remove Memory Card

1. Power off the camera.
2. Open the Battery Cover.
3. Insert the memory card into the card slot and press it down until a click sound happens.
4. Please press the memory card again to get it out once a click sound happens.
5. Close the Battery Cover.



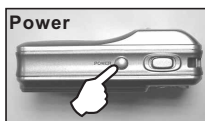
## 4.4 Attaching Wrist Strap



# 5.0 Buttons & Function

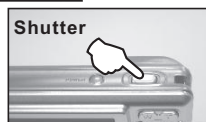
## 5.1 Power

- ✦ By pressing the Power Button can turn on the camera. By pressing again the Power Button can turn off the camera.
- ✦ If there is no operation during the specified time, the camera will power off automatically.



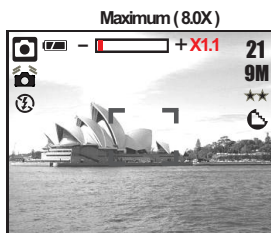
## 5.2 Shutter

- ✦ Press the Shutter Button to capture an image.



## 5.3 Tele/Wide


- ✦ Press the Tele Button, the Zoom Bar Indicator appearing on the top side of the LCD Monitor will show the current zoom status.
- ✦ Press the Wide Button, the Zoom Bar Indicator will go back to the Wide view.
- ✦ The camera allows maximum 8.0x digital zoom.

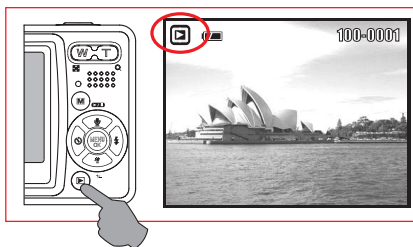




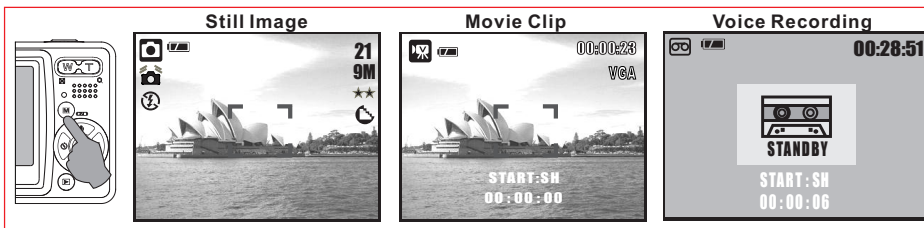
# 5.0 Buttons & Function

## 5.4 Playback

- ✦ Select the Playback Mode by pressing the Playback Button (  ).
- ✦ Playback Mode will show still images and movie clips .
- ✦ Select an image by Press Left and Right Button.

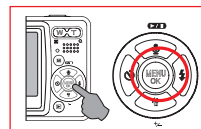


## 5.5 Mode






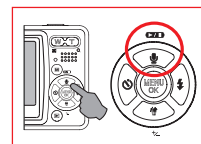
## 5.6 Menu/OK

- ✦ Press Menu/OK Button to go to the menu selection.
- ✦ When the menu is displayed on the LCD monitor, the Menu/OK Button is used for shifting the cursor to the sub menu or for confirming data.





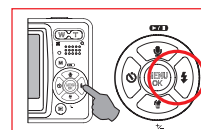
## 5.7 Up/Play & Pause/Voice Memo




- ✦ Press the Up Button (  ) to move up the submenu cursor.
- ✦ When the menu is not displayed on the LCD monitor, the Up Button (  ) operates as voice memo function .
- ✦ There are two ways you can add your voice over to a stored still image.
  - Shooting Mode
    - Press Voice Memo Button and the icon (  ) will show on LCD Monitor.
    - Press Shutter Button to take a picture.
    - You can make a voice memo (10 sec.) right after the image is taken.
  - Playback Mode
    - Select a Still Image File and press Voice Memo Button.
    - The 10 sec. count down will show on the LCD Monitor.
- ✦ The Up Button also operates as Play & Pause function to play movie clip file in Playback Mode.



## 5.8 Right/Flash

- ✦ Press the Right Button (  ) to move the cursor to the right tab.
- ✦ The Right Button (  ) also operates as Flash function.

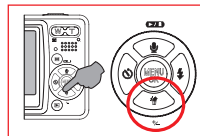


	<b>Auto Flash</b>	The flash fires automatically as required under shooting mode. ✦ Suggestion for getting a good exposure picture when using Flash: The camera should keep 1.5-2 meters from the object you're ready to capture.
	<b>Fill-in Flash</b>	This mode will enable the flash to fire in any circumstances.
	<b>Flash Off</b>	The mode will disable the flash to fire in any circumstances.

# 5.0 Buttons & Function

## 5.9 Down/Delete & +/-

- ✦ Press the Down Button ( & +/- ) to move the cursor to the down tab.
- ✦ In Shooting Mode, you can press Delete Button ( ) to adjust the EV and Night Scene Long Time Shutter.
- In Playback Mode, you can press Delete Button to delete the Still Image, Movie Clips or Voice Clips.



### 5.9.1 EV (+/-)

- ✦ Press Left/Right Button to set the Exposure Value.
- You can adjust from -2.0EV to +2.0EV (at 0.3EV increment).
- ✦ After the preferred value is chosen press Menu/OK Button to confirm.
- ✦ The higher the EV value, the brighter the image will be.



### 5.9.2 Night Scene Long Time Shutter (LT)

- ✦ Press the Down Button, and then select Left/ Right Button to adjust the value of the Long Time Shutter.
- ✦ The Long Time Shutter ranged from Auto, 1/8, 1/4, 1/2, 1, 2, 3, 4.
- ✦ Press Menu/OK Button to confirm the value you select.

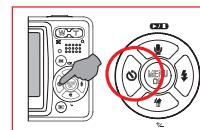


## 5.10 Left/Self-Timer

- ✦ Press the Left Button to move the cursor to the left tab.

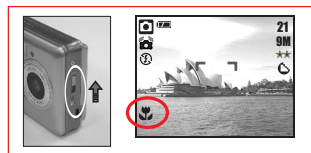
**With the 10 sec. Self-timer** ( ): Image will be taken after 10 seconds once the shutter is released.

**With the 2 sec. Self-timer** ( ): The image will be taken after 2 seconds once the shutter is released.



## 5.11 Focus Switch

- ✦ When you take a shot of a very close-up of object within the distance of 20 cm, please push the Focus Switch up to begin the Macro Function.
- ✦ The Macro icon ( ) will appear on the LCD Monitor.

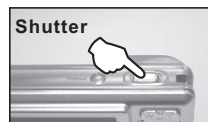


# 6.0 Still Image Mode

## 6.1 Shooting

- ✦ Taking a Pictures
  1. Press POWER Button to power on the camera.
  2. Press Shutter Button fully to capture.
- ✦ Using the Digital Zoom
 

Press the zoom lever ( ) toward T or W
- ⚠ You are recommended to shoot with the camera attached with the tripod or other device if the Hand Shaking( ) appears.



## 6.2 Menu Mode

### 6.2.1 Size (Default:9M)

- ✦ This feature is for you to select the image resolution.
- (16M) 4608 x 3456 (by interpolation)
- (9M) 3488 x 2616 (5M) 2560 x 1920
- (3M) 2048 x 1536 (VGA) 640 x 480

### 6.2.2 Quality (Default: Fine)

- ✦ This feature is for you to select the image quality.
- () S. Fine (Super Fine)
- () Fine
- () Normal



# 6.0 Still Image Mode

## 6.2.3 Sharpness (Default: Normal)

VIVID		This effect can turn the edges of the captured image look sharper but may result in more image noise.
NORMAL		This effect can turn the edge of the captured image look sharp, which is suitable for printing out.
SOFT		This effect can turn the edge of the captured image look smoother, which is suitable for image editing on PC.

## 6.2.4 Saturation(Default: Normal)

High  
Normal  
Low

## 6.2.5 Effect (Default: Normal)

NORMAL	No special effect is added to the picture.
NEGATIVE	Turn the image into negative film effect.
SEPIA	Turn the image into yellowish brown.
B & W	Turn the image into black and white.

## 6.2.6 W. Balance (Default: Auto)

	Auto	Adjusting the white balance automatically
	Daylight	Under the strong light environment
	Cloudy	Under the cloudy light environment
	Tungsten	Under the tungsten light environment
	Fluorescent	Under the fluorescent light environment

## 6.2.7 Scene Mode (Default: Auto Mode)

This feature is for you to select the scene of the image from the following options:

- () Auto Mode
- () Sport Mode
- () Night Mode
- () Portrait Mode
- () Landscape
- () Backlight

## 6.2.8 Shooting&Continuous(Default:Single)

1. Single: Single Image Shooting.
2. Continuous Shooting (): Press Shutter Button to start the Continuous Shooting function and on hold and ending by letting go of Shutter Button.

**Note:** The Continuous Shooting function will not be cancelled until “Single” is chosen.

## 6.2.9 ISO (Default: Auto)

Auto    100    200    400    800

# 7.0 Movie Clip Mode

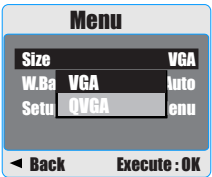
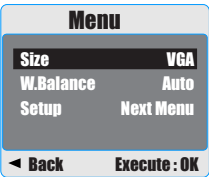
## 7.1 Movie Recording

- + Recording
- 1. Press POWER Button to power on the camera
- 2. Press MODE Button to convert to Movie Clip Mode
- 3. Press Shutter Button to start movie recording
- 4. Press Shutter Button again to stop recording



## 7.2 Movie Size

- + The video size options are provided as follows:
- 1.VGA : 640 x 480
- 2.QVGA:320 x 240



# 8.0 Voice Recording Mode

1. Press Mode Button and select Voice Recording Mode () .
2. Press Shutter Button to start the recording and press Shutter Button to stop the recording.
3. Press Play/Pause Button () during recording can put the recording on hold and press the Play/Pause Button again to continue the recording.

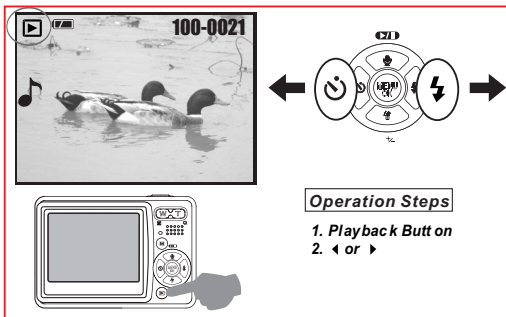


## 9.0 Playback Mode

### 9.1 Playback of Still Image

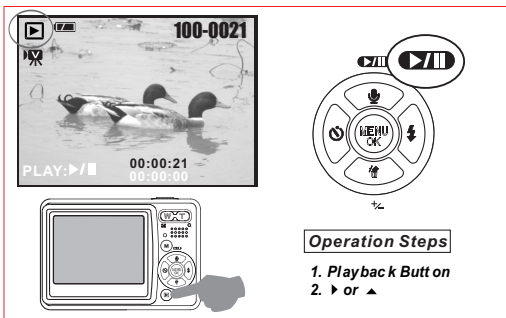
- ✦ Please press Playback Button to view the images taken.
- ✦ Press the Right or Left Button to go to or back to the next or last image.

**Note:**The icon (🎵) shows up when viewing still image comes with a voice memo.



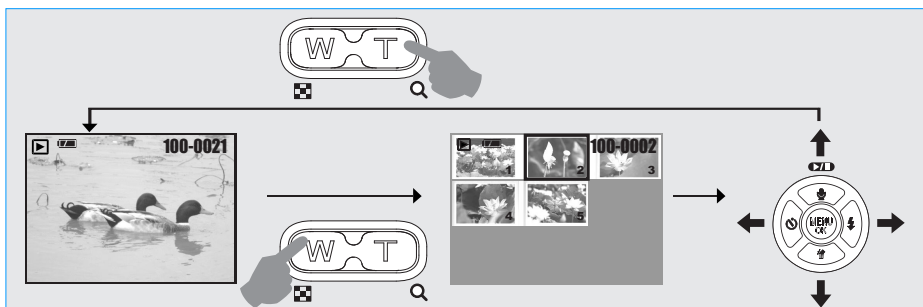
### 9.2 Playback of Movie Clip

- ✦ Press Playback Button to play the Movie Clips.
- ✦ Press the Up Button to play or pause the movie clip.
- ✦ When play the Movie Clips, press the Menu Button and select 2X, 4X, 8X to adjust the Fast Forward speed.
- ✦ When play the Movie Clips, press the Left/Self-Timer Button to play backward and press the Menu Button to select the 2X, 4X and 8X Backward speed.



**Note:**The icon (🎬) on the top left of the LCD Monitor represents a Movie clip, not a still image.

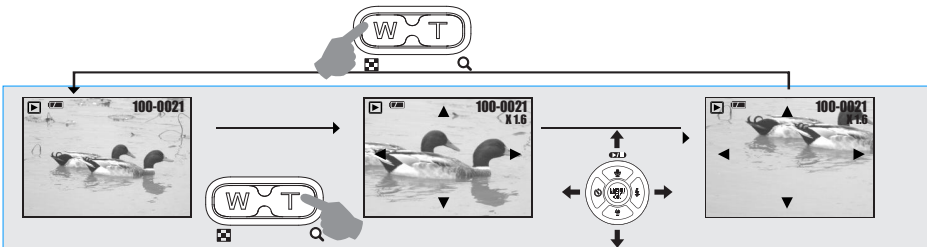
### 9.3 Thumbnail Display (Small Images)



Thumbnail Display is a convenient tool for you to find the image you took from the list. You can press WIDE Button to have Thumbnail Display.

# 9.0 Playback Mode

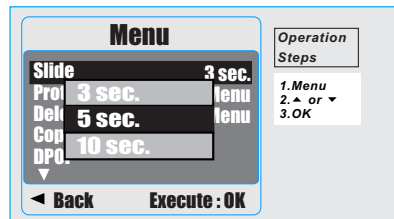
## 9.4 Exploring an Image



1. Press the TELE Button and you can see the enlargement of the image.
2. Use the TELE/WIDE Button to zoom in or to zoom out.
3. Use the UP/DOWN/LEFT/RIGHT Button to locate the position you would like to review.
4. Press down the WIDE Button to return to the original Playback Mode.

## 9.5 Slide

1. This option enables you to view your photos with slide show.
2. There are 3 interval options available.
  - (a) 3 sec.
  - (b) 5 sec.
  - (c) 10 sec.



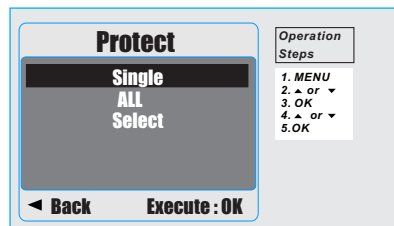
## 9.6 Protect

### Set Selected Image(s) With Protection

1. Press the OK/Menu Button and select "PROTECT".
2. Press OK/Menu Button.
3. Select one image and press OK/Menu Button.
4. ( ) will show on the LCD Monitor when the protection is set.
5. Press OK/Menu Button to confirm the request for the protection of the selected image(s).
6. To cancel the protection, press OK/Menu Button.

### Set All Images With Protection


1. Press the OK/Menu Button and select "PROTECT".
2. Select "ALL" & "Execute" and press OK/Menu Button to confirm the request.



# 9.0 Playback Mode

## 9.7 Delete

### Delete Single Image

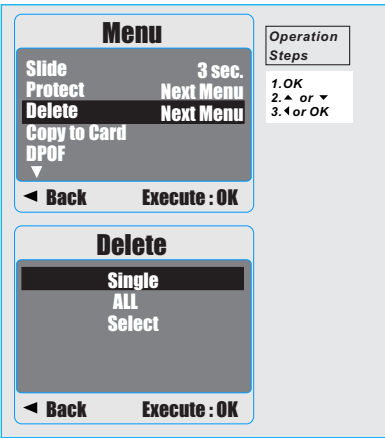
- 1. Select the image you'd like to delete and press the Delete Button (  ).
- 2. Press OK/Menu Button to proceed or press left button to cancel the request.

### Delete All Image(s)

- 1. Select "ALL" & "Execute" and press the OK/Menu Button.
- 2. Press OK/Menu Button to confirm the request or press left button to cancel the request.

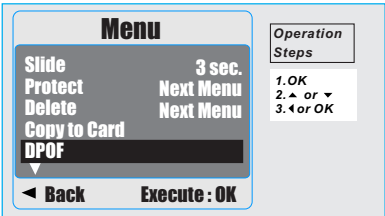
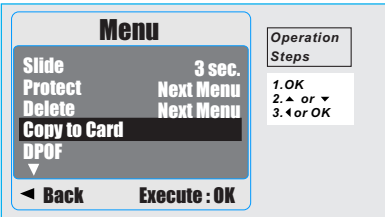
### Delete Selected Image

- 1. Choose "Select" and press OK/Menu Button.
- 2. Select the image you'd like to delete and press OK/Menu Button.

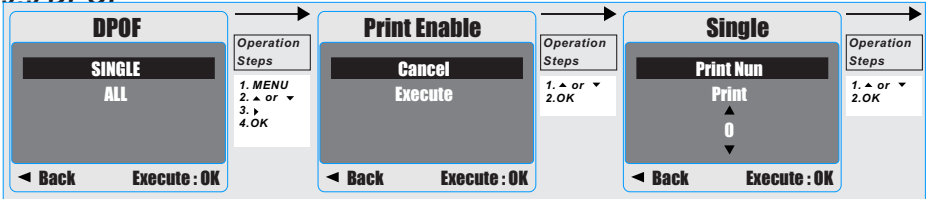


## 9.8 Copy To Card

- ✦ This function allows you to copy the images stored in the internal flash memory into the memory card.




## 9.9 DPOF



**Note:** You cannot see the "PRINT" function on the LCD Monitor if a memory card is not inserted.

# 10.0 SETUP Mode

You can enter SETUP Mode by press the OK/Menu Button and select SETUP.



Setup	
Auto	3.Min.
Language	English
Format	Net Menu
Date Input	Net Menu
Imprint	off
◀ Back      Execute : OK	

Setup	
Beep	On
Light Freq.	60Hz
Q.View	On
Sys. Reset	Net Menu
USB	Printer
◀ Back      Execute : OK	

Operation Steps
1. MENU
2. ▲ or ▼
3. OK
4. ▲ or ▼
5. OK

**Note:**

- 1.Auto Off
- 2.Language
- 3.Format
- 4.Date Input
- 5.Imprint
- 6.Beep
- 7.Light Freq.
- 8.Q. View
- 9.Sys. Reset
- 10.USB

## 10.1 Auto Off

To set up the power saving time.

1. Press OK/Menu Button and select "SETUP".
2. Select "AUTO".
3. Select the time you prefer and press OK/Menu Button to confirm the setting.
4. You can select "OFF" to cancel.

### Note:

If set "OFF", the camera will not turn off automatically. The battery may get drained if the camera is power on for a long time.

Setup	
Auto Off	3.Min.
Language	English
Format	3.Min.
Date Input	Menu
Imprint	off
◀ Back      Execute : OK	

Operation Steps
1. MENU
2. ▲ or ▼
3. OK
4. ▲ or ▼
5. OK
6. ▲ or ▼
7. OK

## 10.2 Language

There are 12 languages available to select:

- 1.English
- 2.French
- 3.German
- 4.Italian
- 5.Spanish
- 6.Portuguese
- 7.Traditional Chinese
- 8.Simplified Chinese
- 9.Japanese
- 10.Thai
- 11.Turkish
12. Russian

Setup	
Auto Off	3.Min.
Language	English
Format	Net Menu
Date Input	Net Menu
Imprint	off
◀ Back      Execute : OK	

Operation Steps
1. MENU
2. ▲ or ▼
3. OK
4. ▲ or ▼
5. OK

Language	
English	
Francis	
Deutsch	
Italiano	
Espanol	
◀ Back      Execute : OK	

Operation Steps
1. ▲ or ▼
2.OK

## 10.3 Format

This function allows you to format the memory card or the built-in flash memory.

Setup	
Auto Off	3.Min.
Language	Cancel
Format	Execute
Date Input	Net Menu
Imprint	off
◀ Back      Execute : OK	

Operation Steps
1. MENU
2. ▲ or ▼
3. OK
4. ▲ or ▼
5. OK

## 10.4 Date Input

This function allows you to set up the type of date & time.

Setup	
Auto Off	3.Min.
Language	Off
Format	Execute
Date Input	Menu
Imprint	off
◀ Back      Execute : OK	

Operation Steps
1. MENU
2. ▲ or ▼
3. OK
4. ▲ or ▼
5. OK

1. YYYY/MM/DD
2. DD/MM/YYYY
3. MM/DD/YYYY

# 10.0 SETUP Mode

## 10.5 Imprint

This function allows you to print the date or date & time on the captured image.

Setup		Operation Steps
Auto Off	3 Min.	1. MENU
Language	Off	2. ▲ or ▼
Format	Date Only	3. OK
Date Im	Date & Time	4. ▲ or ▼
Imprint	Menu	5. OK
	off	
◀ Back Execute : OK		

## 10.6 Beep

This function allows you to switch on/off button sound.

Setup		Operation Steps
Beep	On	1. MENU
Light Fr	On	2. ▲ or ▼
Q.View	On	3. OK
Sys. Re	Off	4. ▲ or ▼
USB	Menu	5. OK
	Disk Drive	
◀ Back Execute : OK		

## 10.7 Light Freq.

The Light Frequency setting is for Anti-flicker.

50Hz: UK, Germany, Italy, Spain, France, Netherlands, China, Japan, Portugal.  
60Hz: U.S.A., Taiwan, Korea, Japan.

Setup		Operation Steps
Beep	On	1. MENU
Light Freq	50Hz	2. ▲ or ▼
Q.View	60Hz	3. OK
Sys. Re	50Hz	4. ▲ or ▼
USB	Menu	5. OK
	Disk Drive	
◀ Back Execute : OK		



**Note:** The horizontal flicker in artificial light source environment occurred if select the wrong frequency.

## 10.8 Q. View

If you select Q. View "On", you can view the captured image on the LCD Monitor.  
Q. View is possible only with still image.

Setup		Operation Steps
Beep	On	1. MENU
Light Fr	On	2. ▲ or ▼
Q.View	On	3. OK
Sys. Reset	On	4. ▲ or ▼
USB	not Menu	5. OK
	Disk Drive	
◀ Back Execute : OK		

## 10.9 Sys. Reset

This function is to recall all default values except the Date, Time and Language.

Setup		Operation Steps
Beep	On	1. MENU
Light Freq.	50Hz	2. ▲ or ▼
Q.View	On	3. OK
Sys. Re	Cancel	4. ▲ or ▼
USB	Execute	5. OK
	Menu Drive	
◀ Back Execute: OK		

## 10.10 USB

You can select an external device to which you want to connect the camera by using USB Cable.

Setup		Operation Steps
Beep	On	1. MENU
Light Fr	On	2. ▲ or ▼
Q.View	PC Cam	3. OK
Sys. Re	Disk Drive	4. ▲ or ▼
USB	Printer	5. OK
	Menu Drive	
◀ Back Execute : OK		

### 10.10.1 PC Cam:

- Install the PC Cam Driver on your computer.
- Select USB setting as PC Cam.
- You can start PC Cam function after you set up the MSN messenger or AMCAP.

### 10.10.2 Disk Drive:



# 11.0 PictBridge Mode

## 11.1 Connecting the Camera to a PictBridge-supported Printer



- 1. Power On both the camera and the printer.
- 2. Press the MENU Button to go to SETUP Mode.
- 3. Go to USB and select PRINTER for printer connection.
- 4. Use the supplied USB Cable to connect the camera to the PictBridge-supported printer as shown above to print out the stored images.



## 11.2 Select Pictures to Print

PictBridge

Images

Next Menu

Size

Default

Layout

Default

Print

Execute : OK

Operation Steps

1.▲ or ▼  
2.OK

Images

Select

Next Menu

All

Next Menu

◀ Back

Execute : OK

Operation Steps

1.▲ or ▼  
2.OK  
3.OK

Select

Print Num

00

Execute : OK

All

Print Num

00

Execute : OK



[SELECT]: The PictBridge function will be applied only to the picture currently displayed on LCD Monitor.  
[ALL] : The PictBridge function will be applied to all pictures.

### Setting the Number of Copies to Print

- 1. Select [SELECT] or [ALL] where you can set the number of copies to print.
- 2. Press the Up/Down Button to select the number of print out copies. Maximum 30 prints.
- 3. Use the Left/Right Button to select images and select the number of prints for another picture.
- 4. Press OK Button to save.
- 5. Go back to PictBridge main menu and select PRINT to start printing.

## 11.3 Custom Set

You can select the Paper Size and Layout before print out the images.

PictBridge

Image

Default

Menu

Size

2L Format

fault

Layout

4 X 6

fault

Print

Execute : OK

Operation Steps

1.▲ or ▼  
2.OK

PictBridge

Image

Menu

Size

A4

fault

Layout

fault

Print

Execute : OK

PictBridge

Image

Default

Menu

Size

Index

fault

Layout

Borderless

fault

Print

Execute : OK

Operation Steps

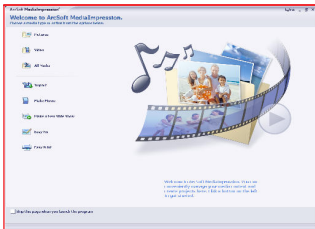
1.▲ or ▼  
2.OK



SIZE	Setting the size of the printing paper. The size formats will depends on the printer supported function.
LAYOUT	Setting the number of pictures to be printed on a sheet of paper.

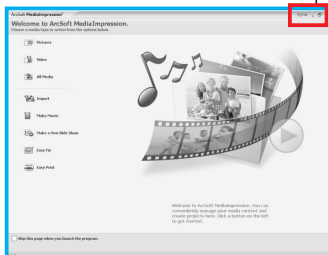
# 12.0 Software Application

## 12.1 ArcSoft MediaImpression™



- ArcSoft MediaImpression™ manages your media for you, and gives you tons of fun and exciting ways to create and share projects featuring your photo, video, and music files. Edit, enhance and add creative effects to your photos.
- Create your own movies or photo slide shows, complete with soundtrack.
- Upload your files easily to YouTube™!
- Or share them through simple email attachments or popular photo printing.
- For more information click to <http://www.arcsoft.com/>.

## 12.2 Easy Link With YouTube by Arcsoft




Click “Extra”



- Be a Movie Maker by login & upload with Legal and Safety Software.
- Browse & Upload in YouTube with ArcSoft MediaImpression by follow the steps below:
  1. Select “YouTube Account Setup”.
  2. Select “Step 1” to login YouTube account.
  3. Select “YouTube Account” or “Google Account” to login.
  4. Select “Step2” to get authorization.
  5. Click “Allow” to get permission.
  6. User will see “User Name” after login.
  7. Select the file you want to upload and click “Upload to YouTube”

# 13.0 Appendix

## Error Message Table

Messages	Causes	Solutions
<b>CARD FULL</b>	There is insufficient card memory capacity for storing an image.	Delete the stored image(s) in the memory card or insert a new memory card.
<b>MEMORY FULL</b>	There is insufficient internal memory capacity for storing an image.	Delete the stored image(s) in the flash memory.
<b>CARD LOCKED (ICON BLINKING)</b>	The memory card is under protection.	Set the card protection switch at non-protection position.
<b>LOCK</b>	The Image can not be deleted under protection.	Unlock the protected image.
<b>NO IMAGE</b>	There is no image stored in the memory card or built-in flash memory.	
<b>FILE ERROR</b>	File format error.	Insert a new memory card or format the built-in flash memory.
<b>MEMORY ERROR</b>	Memory is damaged or fails.	Format the memory card or built-in flash memory.
<b>CARD ERROR</b>	Card is damaged or fails.	Insert a new memory card.
<b>LOW BATTERY ! (ICON BLINKING)</b>	Battery power is drained.	Insert a new battery.
<b>LOW LIGHT!</b>	The environment is too dark in Flash off or "Night Scene".	Set the flash mode at Auto Flash or Fill-in Flash.
<b>HAND SHAKE ICON</b> 	The environment is too dark in Flash off or "Night Scene".	Avoid shake.Set the flash mode at Auto Flash or Fill-in Flash.
<b>NO PAPER!</b>	Paper has run out.	Please put more paper in the paper tray of the Printer
<b>Camera Hangs</b>		1. Remove the battery.2. Reload the battery. 3. Switch on the camera.

# 14.0 Specification

Image Sensor		Type	1/2.3" 9M CMOS Sensor
		Effective Pixels	Approx. 9.12 Mega Pixels (3,488 x 2,616)
Lens	F No.	Lens Type	Fixed Focus
			F3.25
		Digital Zoom	Still Image mode: 1.0X ~ 8.0X Play mode: 1.0X ~ 8.0X (depends on image size)
LCD Display		2.4" Color TFT LCD	
Focusing	Type	MF (manual focus)	
	Range	Normal: 1.2M ~ infinity    Macro: 20cm	
Shutter	Type	Electronic Shutter	
	Speed	Normal: 1/4 sec. - 1/4000 sec., Night Scene: 4 sec. - 1/8 sec.	
Exposure	Control	Program AE	
	ISO Equivalent	Auto, 100, 200, 400, 800	
Flash	Modes	Auto, Fill-in Flash, Flash Off	
Effect		Normal, Sepia, Negative, B&W	
Sharpness		Soft, Normal, Vivid	
White Balance		Auto, Daylight, Cloudy, Fluorescent, Tungsten	
Voice recording		Voice Recording (depends on capacity) Voice Memo in Still Image (max. 10 sec.)	
Date Imprinting		Date, Date & Time, Off (user selectable)	
Shooting	Still Image	Mode	Single Image, Continuous Shooting (VGA, 3M, 5M, 9M with 3 shots)
		Image Size	[16M]: 4608 X 3456 pixels (by interpolation),    [9M] : 3488 X 2616 pixels [5M]: 2560 X 1920 pixels, [3M]: 2048 X 1536 pixels, [VGA]: 640 X 480 pixels
		Image Quality	Super Fine, Fine, Normal
	Self-Timer		10 sec. , 2 sec.
	Scene mode		Auto, Sport, Night, Portrait, Landscape, Backlight
	Movie Clip	Movie Size	QVGA (320x240),VGA (640x480)
Frame Rate		QVGA (25~30fps),VGA (15~20fps)	
Zoom		Digital Zoom: 1.0X ~ 8.0X	
Storage	Media	Internal memory: 16MB Nand Flash External memory: supporting SDHC card (up to 8GB)	
	File Format	Still Image	JPEG (DCF), EXIF 2.2, DPOF 1.1, PictBridge 1.0
		Movie Clip	MJPEG, 320x240 (QVGA), 640x480(VGA), with audio
		Audio	Audio for Voice Recording and Memo: WAV
PictBridge (Direct Printing)		Yes	
Image Play	Type	Single Image, Thumbnails, Slide Show, Movie Clip	
Interface		Digital output connector: USB 1.1, TV output: N/A Other interface: MIC-in, Buzzer Out (No Speaker)	
Power Source		2 pcs of AA alkaline, Ni-MH Battery	
Dimensions (WxHxD)		87.8 x 60.8 X 30.4 mm	
Weight		Approx. 85g (without battery and card)	
Software	Camera Driver	Mass Storage Driver for Window 2000/ME/XP, Vista32/64	
	Application	Arcsoft MediaImpression (Windows: 2000/XP/Vista)	
System Requirements			
For Windows		<ul style="list-style-type: none"><li>• PC with processor better than MMX Pentium 233MHz (XP: Pentium II 300MHz)</li><li>• Windows 2000 Professional (SP4)/Windows ME/ Windows XP (SP2)/Window Vista</li><li>• Minimum 64MB RAM (XP: 128MB)</li><li>• 140MB of available hard-disk space</li><li>• USB port (1.1 or 2.0 standard interface)</li><li>• CD-ROM drive</li><li>• 800×600 pixels, 16-bit color display compatible monitor (24-bit color display recommended)</li></ul>	
For Macintosh		<ul style="list-style-type: none"><li>• Power Mac G3 or later</li><li>• Mac OS 10.0 or later</li><li>• Minimum 64MB RAM</li><li>• 110MB of available hard-disk space</li><li>• USB port,</li><li>• CD-ROM Drive</li><li>• QuickTime 6.0 or Later for MPEG4 Movie Clip</li></ul>	

"Specifications and product design are subject to change without any notice for further improvement"